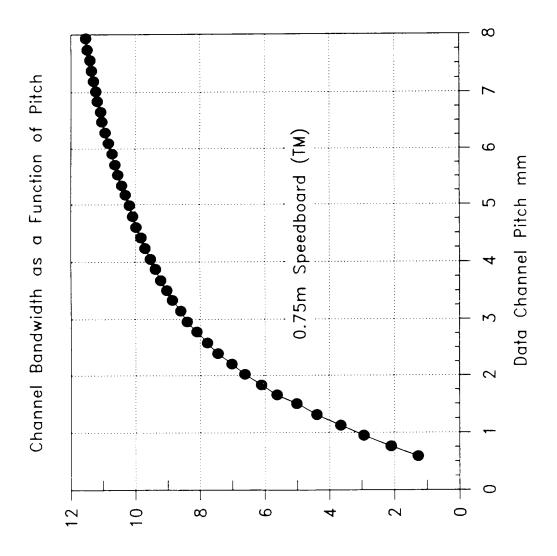
Sheet Lot 18

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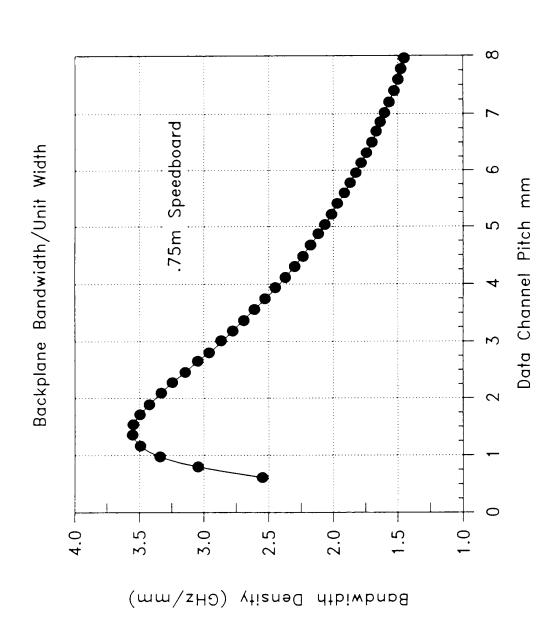
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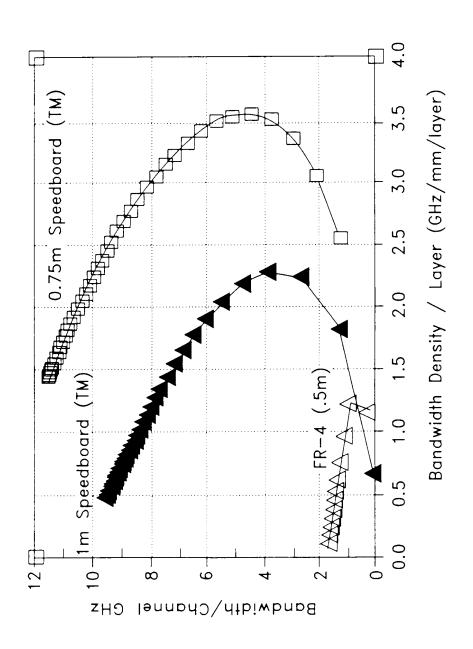
Channel Bandwidth (GHz)

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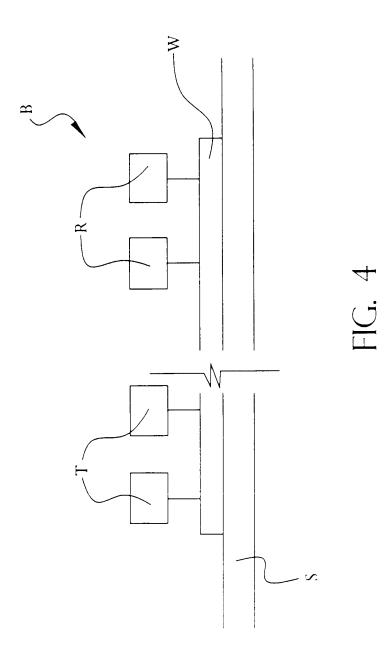
Title: Waveguide and Backplane Systems Docket No. FCI -2642 Attorney, Joseph R. Condo (215) 564-8977



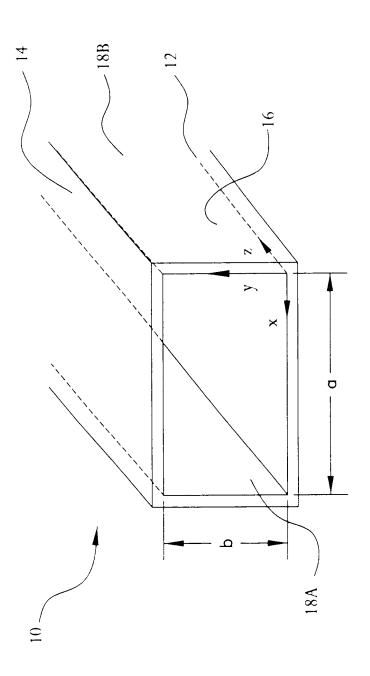
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-[C. 5

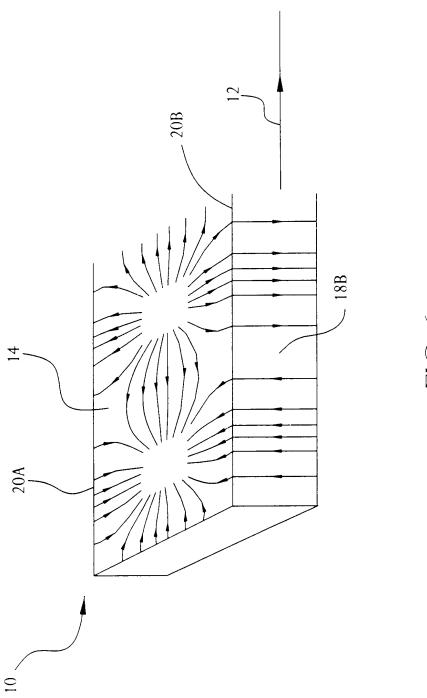
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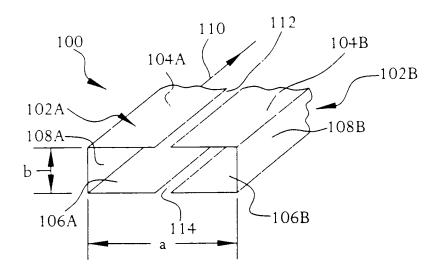


FIG. 7A

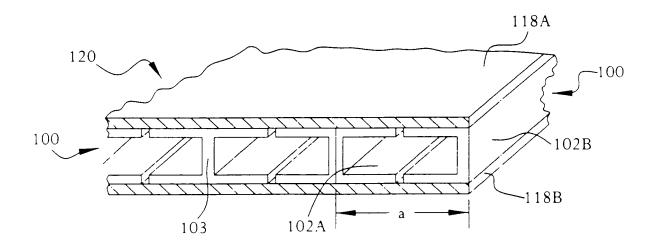


FIG. 7B

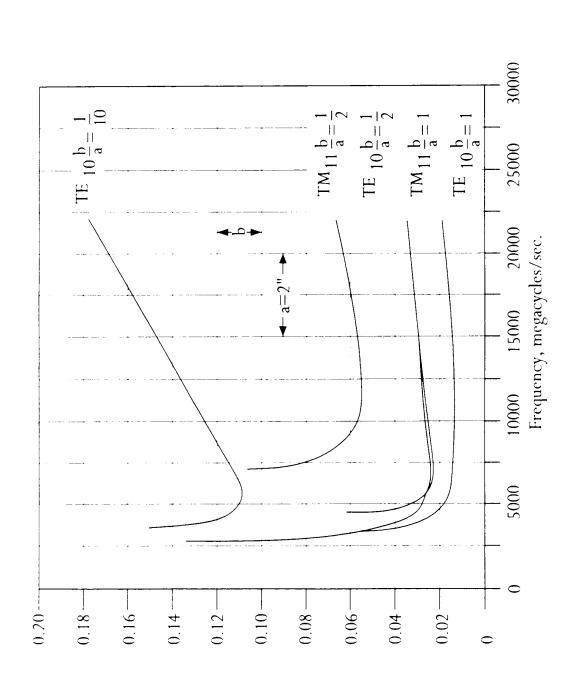
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Attenuation, decibe/s/ meter

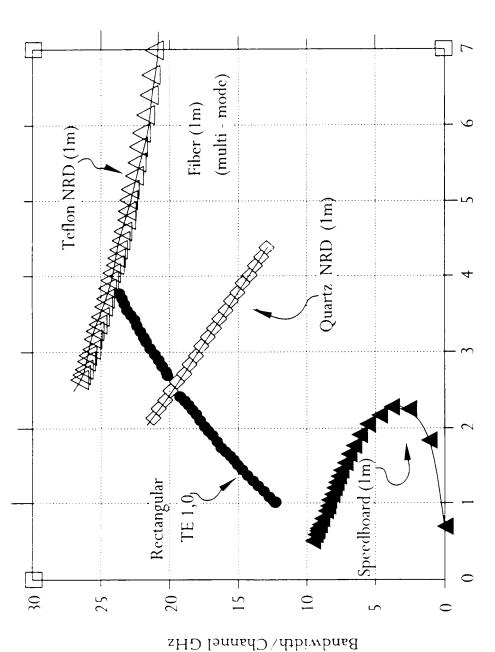
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Bandwidth Density/ Layer (GHz/ mm)

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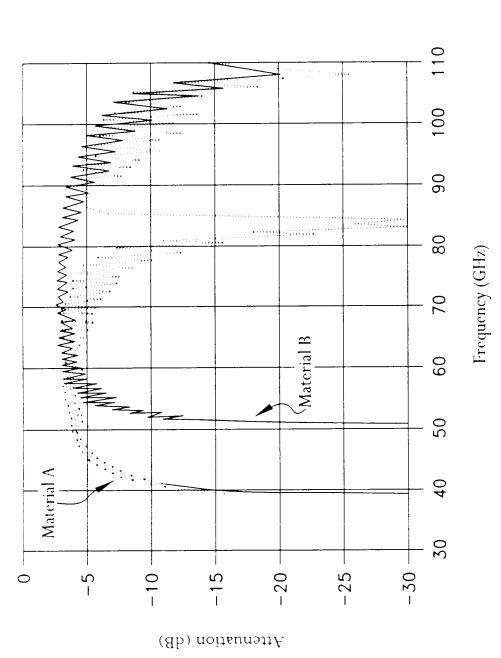


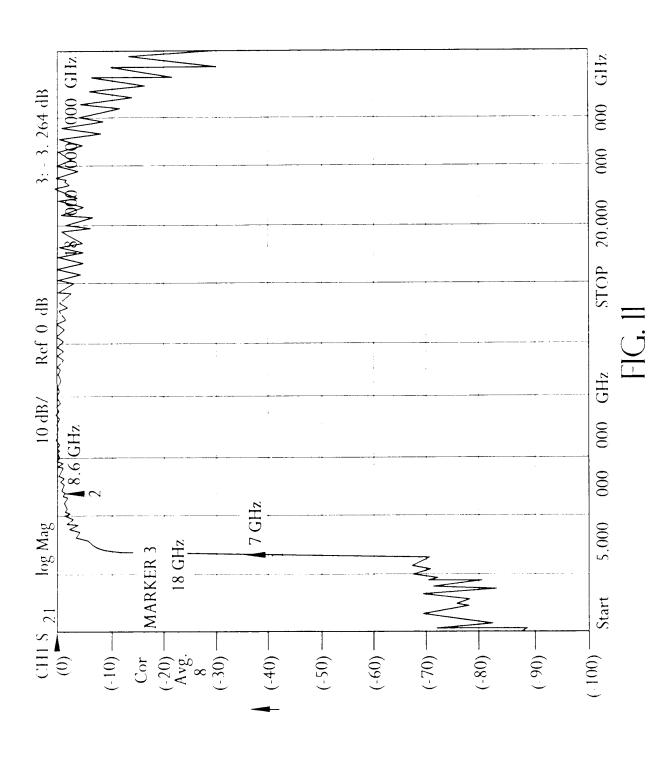
FIG. 10 (PRIOR ART)

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GH₂ WALL OUD NOON NOON THE 1: 41.533 dB 000 000 20.000 STOP Ref 0 dB GH₂ $10 \, \mathrm{dB}/$ 000 000 log Mag 5.000 7 GHz MARKER Start (-20) · Avg. 8 (-10) (-40) (08) Cor (-50) (09-)(-70) (06°) (100)(-30)

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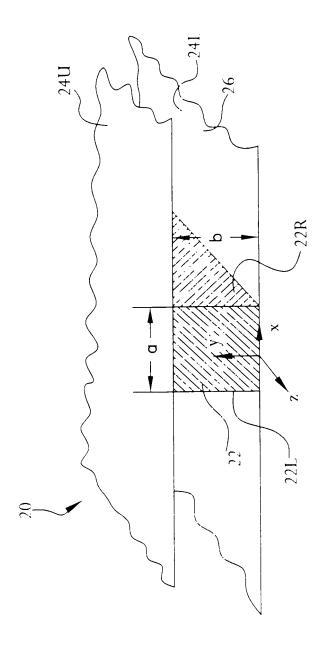


FIG. 13A (PRIOR ART)

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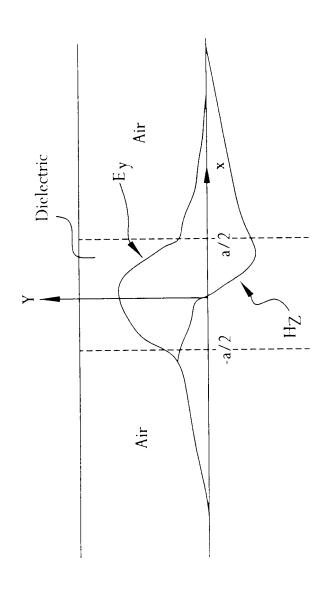


FIG. 13B (PRIOR ART)

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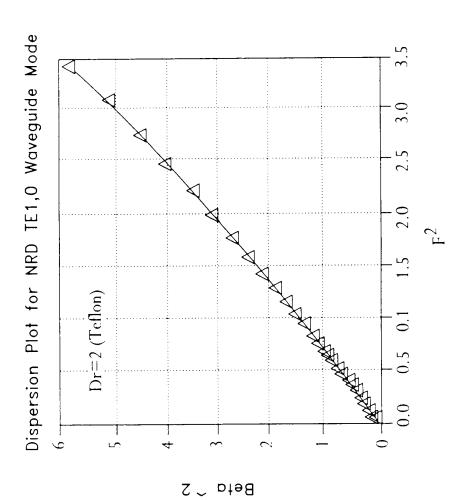
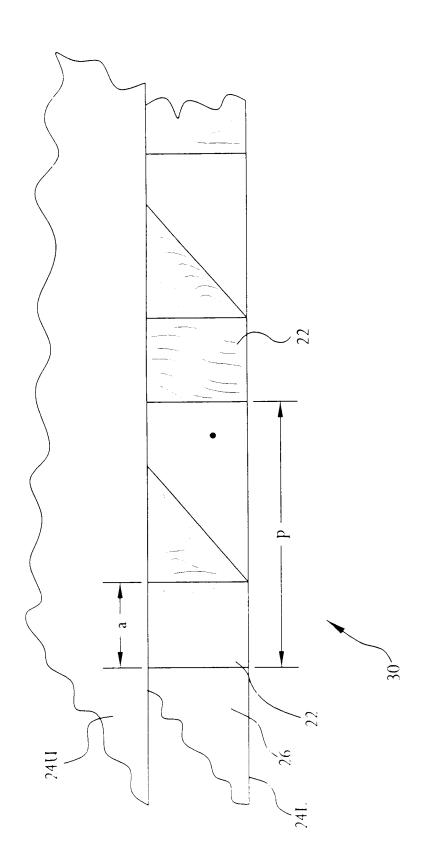


FIG. 14 (PRIOR ART)

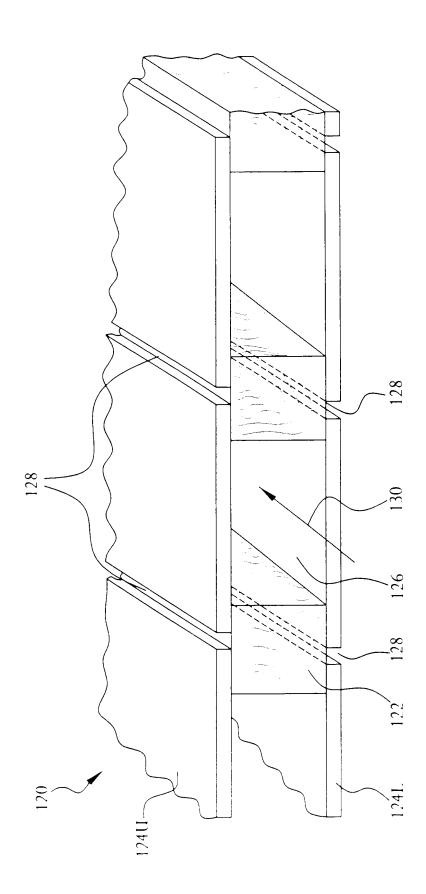
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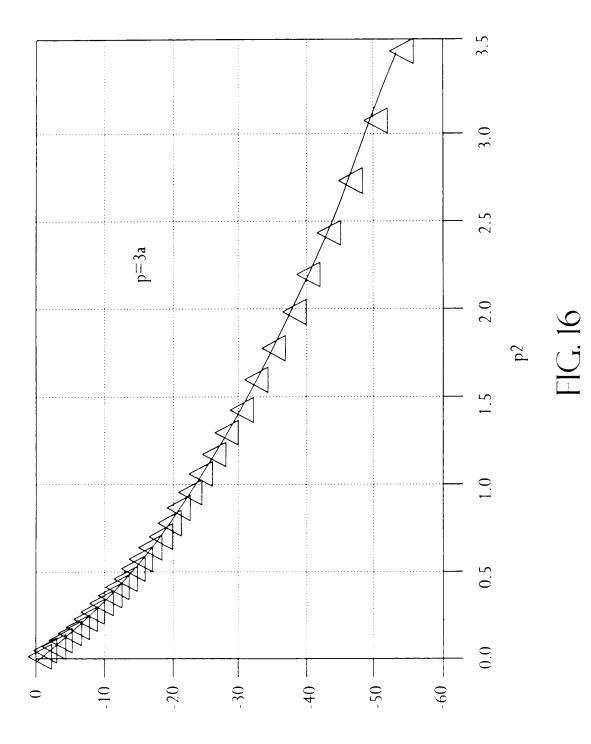


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Crosstalk dB